

# **EXHIBIT F**


[+ Follow](#)

## Analyst Profile


**Christian Schw...**
**Craig-Hallum**

Wall Street Analyst



Ranked #390 out of 5,193 Analysts on TipRanks  
(#478 out of 11,960 overall experts)

### Christian Schwab's Performance

**Success Rate**


64 out of 103 ratings  
were successful

**Average Return**
**+17.2%**

Average return per  
rating

Each rating is measured over a **1 Year** period,  
and compared to **No Benchmark**.

[How are Experts Ranked?](#)


If you copied **Christian Schwab's** ratings...  
[read more >](#)

### Stock Rating Distribution



64.2% Buy Ratings  
32.7% Hold Ratings  
3.1% Sell Ratings

### Additional Information

Main Sector: Technology

Geo Coverage: USA



Rating Type: Buy

Dates: Feb 25, 2009 - Feb 25, 2010

Gain: +352.3%

## Christian S... Stock Coverage

Co... Na...	Position	Price Target	Action	Date	No. of Ratings	
<b>UCT</b> UI...	Buy	\$13.00 5.18% (Upside)	Upgraded	Last month	12 Ratings	▼
<b>MRV</b> M...	Hold	\$19.00 -23.54% (Downside)	Maintain	Last month	12 Ratings	▼
<b>DY</b> D...	Buy	\$51.00 5.22% (Upside)	Reiterated	2 months ago	6 Ratings	▼
<b>TER</b> Te...	Hold	\$42.00 -6.27% (Downside)	Downgraded	2 months ago	8 Ratings	▼
<b>ACL</b> A...	Hold	\$25.00 15.37% (Upside)	Downgraded	2 months ago	4 Ratings	▼
<b>FOR</b> Fo...	Hold	\$17.00 -7.10% (Downside)	Downgraded	2 months ago	2 Ratings	▼
<b>STX</b> Se...	Hold	\$41.00 -18.81% (Downside)	Reiterated	3 months ago	17 Ratings	▼
<b>SAN</b> Sa...	Buy	\$44.00 36.73% (Upside)	Maintain	3 months ago	9 Ratings	▼
<b>SMT</b> S...	Buy	\$9.00 158.62% (Upside)	Initiated Coverage	3 months ago	1 Ratings	▼
<b>WDC</b> W...	Buy	\$59.00 6.52% (Upside)	Upgraded	4 months ago	16 Ratings	▼
<a href="#">Show More Ratings &gt;</a>						

**Disclaimer:** TipRanks collects ratings and price targets of analysts by scanning publicly available reports on financial websites and by receiving reports directly from the analysts or from our users. The information displayed might not be accurate or up to date. The displayed ratings are made entirely at the sole discretion of the analysts. TipRanks holds no liability over the analysts' information or opinions expressed on the site.

**TIPRANKS™**

## Top 10 Wall Street Stocks for 2019

Get your **FREE** copy of this special report highlighting 10 stock recommendations from the very best Wall Street Analysts.



## Are We Missing a Rating?



Send us the equity research you are getting, and become a **Power User**

[Learn More >](#)

## Related Links ⓘ

[↗ See Today's Analyst Ratings >](#)[⚙ See the Top 25 Sell-Side Analysts >](#)[★ Recommendations by 5-Star Analysts >](#)[📊 See Trending Stocks in your Sector >](#)

## Get New Investment Ideas ⓘ

Receive the best investing tips & hacks from TipRanks straight to your inbox for **FREE**



## Insider Trading Daily Newsletter ⓘ



[Learn More >](#)Powered by **SmarterAnalyst**

TipRanks is a comprehensive investing tool that allows private investors and day traders to see the measured performance of anyone who provides financial advice.

FIND US ON



## NEWSLETTER SUBSCRIPTION

Enter your email to receive our newsletter

Email address	Sign Up
---------------	---------



### TOP STOCKS

NEW

Top Smart  
Score Stocks  
Analysts' Top  
Stocks  
Insiders' Hot  
Stocks  
Trending  
Stocks  
Top Stocks  
Articles

### CALENDARS

Earnings  
Calendar  
Dividend  
Calendar  
Stock  
Market  
Holidays  
IPO  
Calendar

### ABOUT US

About  
TipRanks  
Contact Us  
Reviews  
FAQ  
Privacy  
Policy  
Terms of  
Use  
Jobs

### WEALTH MANAGEMENT

Smart  
Portfolio

### PLANS

Plans &  
Pricing

### HOW TO USE TIPRANKS

Education  
Center

### DAILY FEEDS

Daily Analyst  
Ratings  
Daily Insider  
Transactions

### SCREENERS

Stock  
Screener  
ETF Screener  
Stock

### QUANT RANKS BETA

Build a  
Quant  
Strategy

### FOR INSTITUTIONS

API for  
Institutions

### INTERVIEWS





## TOP LISTS

Top Wall

Street

Analysts

Top Financial

Bloggers

Top Corporate

Insiders

Top Hedge

Fund

Managers

Top

Performing

Research

Firms

## NEWSLETTER

Smart

Investor

**Disclaimer:** The TipRanks Smart Score performance is based on backtested results. Backtested performance is not an indicator of future actual results. The results reflect performance of a strategy not historically offered to investors and does not represent returns that any investor actually attained. Backtested results are calculated by the retroactive application of a model constructed on the basis of historical data and based on assumptions integral to the model which may or may not be testable and are subject to losses. General assumptions include: XYZ firm would have been able to purchase the securities recommended by the model and the markets were sufficiently liquid to permit all trading. Changes in these assumptions may have a material impact on the backtested returns presented. Certain assumptions have been made for modeling purposes and are unlikely to be realized. No representations and warranties are made as to the reasonableness of the assumptions. This information is provided for illustrative purposes only. Backtested performance is developed with the benefit of hindsight and has inherent limitations. Specifically, backtested results do not reflect actual trading or the effect of material economic and market factors on the decision-making process. Since trades have not actually been executed, results may have under- or over-compensated for the impact, if any, of certain market factors, such as lack of liquidity, and may not reflect the impact that certain economic or market factors may have had on the decision-making process. Further, backtesting allows the security selection methodology to be adjusted until past returns are maximized. Actual performance may differ significantly from backtested performance. Backtested results are adjusted to reflect the reinvestment of dividends and other income and, except where otherwise indicated, are presented gross-of fees and do not include the effect of backtested transaction costs, management fees, performance fees or expenses, if applicable. Please note all regulatory considerations regarding the presentation of fees must be taken into account. No cash balance or cash flow is included in the calculation.


[+ Follow](#)

## Analyst Profile



**Nehal Chokshi**

Maxim Group

Wall Street Analyst



Ranked #512 out of 5,193 Analysts on TipRanks  
(#645 out of 11,960 overall experts)

### Nehal Chokshi's Performance

Success  
Rate



115 out of 198 ratings  
were successful

Average  
Return

**+9.6%**

Average return per  
rating

Each rating is measured over a **1 Year** period,  
and compared to **No Benchmark**.

[How are Experts Ranked?](#)



If you copied **Nehal Chokshi's** ratings...  
[read more >](#)

### Stock Rating Distribution



64.3% Buy Ratings  
33.1% Hold Ratings  
2.6% Sell Ratings

### Additional Information

Main Sector: Technology

Geo Coverage: **USA**



Rating Type: Buy

Dates: May 23, 2017 - May 23, 2018

Gain: +230.6%

## Nehal C... Stock Coverage

Co... Na...	Position	Price Target	Action	Date	No. of Ratings	
<b>PBT</b> P...	Buy	\$11.00 107.94% (Upside)	Initiated Coverage	8 days ago	1 Ratings	▼
<b>HEA</b> T...	Buy	\$26.00 124.91% (Upside)	Reiterate	19 days ago	5 Ratings	▼
<b>RME</b> R...	Hold	-	Maintain	22 days ago	8 Ratings	▼
<b>AAF</b> A...	Hold	\$195.00 -4.35% (Downside)	Maintain	25 days ago	28 Ratings	▼
<b>NTN</b> N...	Buy	\$58.00 35.39% (Upside)	Maintain	Last month	24 Ratings	▼
<b>VUZ</b> V...	Buy	\$8.00 199.63% (Upside)	Assigne	Last month	5 Ratings	▼
<b>CTR</b> C...	Buy	\$31.00 78.67% (Upside)	Reiterate	Last month	14 Ratings	▼
<b>LOC</b> L...	Hold	\$34.00 -18.23% (Downside)	Maintain	Last month	3 Ratings	▼
<b>INVI</b> Id...	Buy	\$9.00 83.67% (Upside)	Reiterate	Last month	6 Ratings	▼
<b>PST</b> P...	Hold	\$22.00 -3.42% (Downside)	Maintain	2 months ago	13 Ratings	▼
<a href="#">Show More Ratings &gt;</a>						

**Disclaimer:** TipRanks collects ratings and price targets of analysts by scanning publicly available reports on financial websites and by receiving reports directly from the analysts or from our users. The information displayed might not be accurate or up to date. The displayed ratings are made entirely at the sole discretion of the analysts. TipRanks holds no liability over the analysts' information or opinions expressed on the site.





TIPRANKS™

## Top 10 Wall Street Stocks for 2019

Get your **FREE** copy of this special report highlighting 10 stock recommendations from the very best Wall Street Analysts.



Enter your email address

SUBMIT

## Are We Missing a Rating?



Send us the equity research you are getting, and become a **Power User**

[Learn More >](#)

## Related Links ⓘ

[↗ See Today's Analyst Ratings >](#)

[🏆 See the Top 25 Sell-Side Analysts >](#)

[★ Recommendations by 5-Star Analysts >](#)

[📊 See Trending Stocks in your Sector >](#)

## Get New Investment Ideas ⓘ

Receive the best investing tips & hacks from TipRanks straight to your inbox for **FREE**



Enter your email address

SUBMIT

## Insider Trading Daily Newsletter ⓘ

Daily Insider




[Learn More >](#)

 Powered by **SmarterAnalyst**


TipRanks is a comprehensive investing tool that allows private investors and day traders to see the measured performance of anyone who provides financial advice.

FIND US ON



## NEWSLETTER SUBSCRIPTION

Enter your email to receive our newsletter

Email address  	Sign Up
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------

### TOP STOCKS

NEW

[Top Smart](#)  
[Score Stocks](#)  
[Analysts' Top](#)  
[Stocks](#)  
[Insiders' Hot](#)  
[Stocks](#)  
[Trending](#)  
[Stocks](#)  
[Top Stocks](#)  
[Articles](#)

### DAILY FEEDS

[Daily Analyst](#)  
[Ratings](#)  
[Daily Insider](#)  
[Transactions](#)

### SCREENERS

[Stock](#)  
[Screener](#)  
[ETF Screener](#)  
[Stock](#)

### CALENDARS

[Earnings](#)  
[Calendar](#)  
[Dividend](#)  
[Calendar](#)  
[Stock](#)  
[Market](#)  
[Holidays](#)  
[IPO](#)  
[Calendar](#)

### WEALTH MANAGEMENT

[Smart](#)  
[Portfolio](#)  
  
[PLANS](#)  
[Plans &](#)  
[Pricing](#)

### HOW TO USE TIPRANKS

[Education](#)  
[Center](#)

### ABOUT US

[About](#)  
[TipRanks](#)  
[Contact Us](#)  
[Reviews](#)  
[FAQ](#)  
[Privacy](#)  
[Policy](#)  
[Terms of](#)  
[Use](#)  
[Jobs](#)

### QUANT RANKS BETA

[Build a](#)  
[Quant](#)  
[Strategy](#)

### FOR INSTITUTIONS

[API for](#)  
[Institutions](#)

### INTERVIEWS



	NEWSLETTER
TOP LISTS	Smart
Top Wall	Investor
Street	
Analysts	
Top Financial	
Bloggers	
Top Corporate	
Insiders	
Top Hedge	
Fund	
Managers	
Top	
Performing	
Research	
Firms	

**Disclaimer:** The TipRanks Smart Score performance is based on backtested results. Backtested performance is not an indicator of future actual results. The results reflect performance of a strategy not historically offered to investors and does not represent returns that any investor actually attained. Backtested results are calculated by the retroactive application of a model constructed on the basis of historical data and based on assumptions integral to the model which may or may not be testable and are subject to losses. General assumptions include: XYZ firm would have been able to purchase the securities recommended by the model and the markets were sufficiently liquid to permit all trading. Changes in these assumptions may have a material impact on the backtested returns presented. Certain assumptions have been made for modeling purposes and are unlikely to be realized. No representations and warranties are made as to the reasonableness of the assumptions. This information is provided for illustrative purposes only. Backtested performance is developed with the benefit of hindsight and has inherent limitations. Specifically, backtested results do not reflect actual trading or the effect of material economic and market factors on the decision-making process. Since trades have not actually been executed, results may have under- or over-compensated for the impact, if any, of certain market factors, such as lack of liquidity, and may not reflect the impact that certain economic or market factors may have had on the decision-making process. Further, backtesting allows the security selection methodology to be adjusted until past returns are maximized. Actual performance may differ significantly from backtested performance. Backtested results are adjusted to reflect the reinvestment of dividends and other income and, except where otherwise indicated, are presented gross-of fees and do not include the effect of backtested transaction costs, management fees, performance fees or expenses, if applicable. Please note all regulatory considerations regarding the presentation of fees must be taken into account. No cash balance or cash flow is included in the calculation.

[+ Follow](#)

## Blogger Profile



### Richard Pearson

Seeking Alpha

Financial Blogger



Ranked #6,724 out of 6,767 Bloggers on TipRanks  
(#11,810 out of 11,960 overall experts)

### Richard Pearson's Performance

Success  
Rate



16 out of 36 ratings  
were successful

Average  
Return

-24.5%

Average return per  
rating

Each rating is measured over a **1 Year** period,  
and compared to **No Benchmark**.

[How are Experts Ranked?](#)



If you copied Richard Pearson's ratings...  
[read more >](#)

### Stock Rating Distribution



88.9% Sell Ratings  
11.1% Buy Ratings

### Additional Information

Main Sector: Healthcare

Geo Coverage: USA



Rating Type: Sell

Dates: Mar 03, 2014 - Mar 03, 2015

Gain: +82.3%

## Richard P... Stock Coverage <sup>1</sup>

Company Name	Position	Date	No. of Ratings	
<b>GCAP</b> Gain C...	Buy	a year ago	1 Ratings	▼
<b>TCMD</b> Tactile ...	Sell	2 years ago	1 Ratings	▼
<b>HTZ</b> Hertz G...	Buy	2 years ago	1 Ratings	▼
<b>DDS</b> Dillard's	Buy	2 years ago	1 Ratings	▼
<b>OSIR</b> Osiris ...	Sell	2 years ago	2 Ratings	▼
<b>OFIX</b> Orthofix	Sell	2 years ago	1 Ratings	▼
<b>MLNT</b> Melinta...	Buy	3 years ago	1 Ratings	▼
<b>NYMX</b> Nymox...	Sell	3 years ago	1 Ratings	▼
<b>OSUR</b> Orasur...	Sell	3 years ago	1 Ratings	▼
<b>CECO</b> Career ...	Sell	3 years ago	1 Ratings	▼
<a href="#">Show More Ratings &gt;</a>				

**Disclaimer:** TipRanks collects ratings of bloggers by scanning publicly available reports on financial websites and by receiving reports directly from the bloggers or from our users. The information displayed might not be accurate or up to date. The displayed ratings are made entirely at the sole discretion of the bloggers. TipRanks holds no liability over the bloggers information or opinions expressed on the site.



**TIPRANKS™**

## Top 10 Wall Street Stocks for 2019

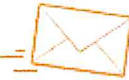
Get your **FREE** copy of this special report highlighting 10 stock recommendations from the very best Wall Street Analysts.



### Related Links ⓘ

[🔍 See the Top 25 Financial Bloggers >](#)[📅 Search stocks on Dividend Calendar >](#)[📊 Search stocks on Earnings Calendar >](#)[📈 Get free in-depth portfolio analysis >](#)

### Get New Investment Ideas ⓘ

Receive the best investing tips & hacks from TipRanks straight to your inbox for **FREE** 

### Small-Cap Stocks Daily Newsletter ⓘ

**SmallCapRockets**

24 hour trades for small-cap stocks based on real time news analysis

[Learn More >](#)

Powered by **SmarterAnalyst**



TipRanks is a comprehensive investing tool that allows private investors and day traders to see the measured performance of anyone who provides financial advice.

FIND US ON



## NEWSLETTER SUBSCRIPTION

Enter your email to receive our newsletter

Email address	Sign Up
---------------	---------

## TOP STOCKS

NEW

Top Smart  
Score Stocks  
Analysts' Top  
Stocks  
Insiders' Hot  
Stocks  
Trending  
Stocks  
Top Stocks  
Articles

## CALENDARS

Earnings  
Calendar  
Dividend  
Calendar  
Stock  
Market  
Holidays  
IPO  
Calendar

## ABOUT US

About  
TipRanks  
Contact Us  
Reviews  
FAQ  
Privacy  
Policy  
Terms of  
Use  
Jobs

## WEALTH MANAGEMENT

Smart  
Portfolio  
  
  
  
PLANS  
Plans &  
Pricing

## QUANT RANKS BETA

Build a  
Quant  
Strategy

## DAILY FEEDS

Daily Analyst  
Ratings  
Daily Insider  
Transactions

## PLANS

Plans &  
Pricing

## FOR INSTITUTIONS

API for  
Institutions

## SCREENERS

Stock  
Screener  
ETF Screener  
Stock  
Comparison

## HOW TO USE TIPRANKS

Education  
Center

## INTERVIEWS

CNBC  
Finovate

## TIPRANKS NEWSLETTER

Smart  
Investor

## TOP LISTS

Top Wall



Top Financial  
Bloggers  
Top Corporate  
Insiders  
Top Hedge  
Fund  
Managers  
Top  
Performing  
Research  
Firms

**Disclaimer:** The TipRanks Smart Score performance is based on backtested results. Backtested performance is not an indicator of future actual results. The results reflect performance of a strategy not historically offered to investors and does not represent returns that any investor actually attained. Backtested results are calculated by the retroactive application of a model constructed on the basis of historical data and based on assumptions integral to the model which may or may not be testable and are subject to losses. General assumptions include: XYZ firm would have been able to purchase the securities recommended by the model and the markets were sufficiently liquid to permit all trading. Changes in these assumptions may have a material impact on the backtested returns presented. Certain assumptions have been made for modeling purposes and are unlikely to be realized. No representations and warranties are made as to the reasonableness of the assumptions. This information is provided for illustrative purposes only. Backtested performance is developed with the benefit of hindsight and has inherent limitations. Specifically, backtested results do not reflect actual trading or the effect of material economic and market factors on the decision-making process. Since trades have not actually been executed, results may have under- or over-compensated for the impact, if any, of certain market factors, such as lack of liquidity, and may not reflect the impact that certain economic or market factors may have had on the decision-making process. Further, backtesting allows the security selection methodology to be adjusted until past returns are maximized. Actual performance may differ significantly from backtested performance. Backtested results are adjusted to reflect the reinvestment of dividends and other income and, except where otherwise indicated, are presented gross-of fees and do not include the effect of backtested transaction costs, management fees, performance fees or expenses, if applicable. Please note all regulatory considerations regarding the presentation of fees must be taken into account. No cash balance or cash flow is included in the calculation.



# How are experts ranked

Financial Terms > How are experts ranked

TipRanks Star Ranking™ ★ ★ ★ ☆ ☆

TipRanks Star Ranking is calculated based on the combinations of the following factors:



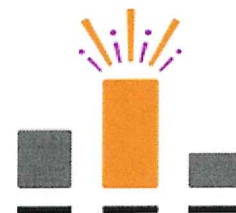
## Expert Success Rate

The percentage of the analyst's ratings resulting in a positive return



## Expert Average Return

The average return per expert recommendation



## Statistical Significance

The more data we collected on an expert, the more statistically significant his measurement is.

TipRanks developed a 3 tier unique proprietary formula to rank financial experts. The three factors taken into account are the experts's success rate, the average return per transaction, and statistical significance.

**Success Rate:** This measure looks at each transaction in a binary form, as it either lost money or earned money. The average is the win-to-loss ratio. We add this to ensure that an expert does not have 10 losing transactions offset by one winning transaction with a high profit - making his or her performance unreasonably high. This measure is often referred to as the hit ratio.

**Average Return:** The average return of all transactions is the best measure of performance. We don't want to measure single lucky hits but rather the expert's overall performance. Experts in the biotech field will naturally have higher returns on their winning trades, but those will still have to compensate for higher losses on bad recommendations.





have his or her ranking scored higher than an expert with a low recommendation count (with all other things being even). In the same way an expert with 1,000% average return but one recommendation would rank very low, an expert with just 2% average return across hundreds of recommendations would rank very high.

## How do I use the star ranking in my decision making?

The expert's star ranking does not pinpoint his or her return or hit ratio, but rather compares him or her to all experts tracked by TipRanks. Reaching a 5-star rating is extremely difficult and guarantees the expert has a **high success rate** accompanied by a **high average return** and **high transaction count**. TipRanks also dedicates a whole section to our top ranked 25 experts, which you can further filter by sector to see who you should trust!







investing tool that allows private investors and day traders to see the measured performance of anyone who provides financial advice.

FIND US ON



NEWSLETTER  
SUBSCRIPTION

Enter your email to receive our newsletter

Email address

Sign Up



- Top Smart

Score Stocks

Analysts' Top

Stocks

Insiders' Hot

Stocks

Trending

Stocks

Top Stocks

Articles
- Calendar

Dividend

Calendar

Stock

Market

Holidays

IPO

Calendar
- TipRanks

Contact Us

Reviews

FAQ

Privacy

Policy

Terms of

Use

Jobs

DAILY FEEDS

- Daily Analyst

Ratings

Daily Insider

Transactions

SCREENERS

- Stock

Screener

ETF Screener

Stock

Comparison

TOP LISTS

- Top Wall

Street

Analysts

Top Financial

Bloggers

WEALTH  
MANAGEMENT

- Smart

Portfolio
- PLANS

Plans &

Pricing

HOW TO USE  
TIPRANKS

- Education

Center

TIPRANKS  
NEWSLETTER

- Smart

Investor

QUANT RANKS  
BETA

- Build a

Quant

Strategy

FOR  
INSTITUTIONS

- API for

Institutions

INTERVIEWS

- CNBC

Finovate



Insiders  
Top Hedge  
Fund  
Managers  
Top  
Performing  
Research  
Firms

**Disclaimer:** The TipRanks Smart Score performance is based on backtested results. Backtested performance is not an indicator of future actual results. The results reflect performance of a strategy not historically offered to investors and does not represent returns that any investor actually attained. Backtested results are calculated by the retroactive application of a model constructed on the basis of historical data and based on assumptions integral to the model which may or may not be testable and are subject to losses. General assumptions include: XYZ firm would have been able to purchase the securities recommended by the model and the markets were sufficiently liquid to permit all trading. Changes in these assumptions may have a material impact on the backtested returns presented. Certain assumptions have been made for modeling purposes and are unlikely to be realized. No representations and warranties are made as to the reasonableness of the assumptions. This information is provided for illustrative purposes only. Backtested performance is developed with the benefit of hindsight and has inherent limitations. Specifically, backtested results do not reflect actual trading or the effect of material economic and market factors on the decision-making process. Since trades have not actually been executed, results may have under- or over-compensated for the impact, if any, of certain market factors, such as lack of liquidity, and may not reflect the impact that certain economic or market factors may have had on the decision-making process. Further, backtesting allows the security selection methodology to be adjusted until past returns are maximized. Actual performance may differ significantly from backtested performance. Backtested results are adjusted to reflect the reinvestment of dividends and other income and, except where otherwise indicated, are presented gross-of fees and do not include the effect of backtested transaction costs, management fees, performance fees or expenses, if applicable. Please note all regulatory considerations regarding the presentation of fees must be taken into account. No cash balance or cash flow is included in the calculation.